

I CLAIM:

1. A method of impregnating decorative paper used for the production of highly wear-resistant laminate flooring material comprising:

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a) taking decorative paper;

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b) damping and impregnating said decorative paper with an amino resin by the use of metering rollers; and

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c) additionally spraying onto said damped wet decorative paper an additional layer of amino resin in a special dispersion; and wherein the final area density relative to the dry mass of raw paper amounts to 100% to 25%

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2. Method according to Claim 1, wherein a dispersion of 100 parts of an amino resin, 20 to 95 parts of abrasive substance, 0.5 to 2.5 parts of a silane adhesion promoter, 5 to 25 parts of a flow-promoting agent, 0.1 to 0.4 parts of a wetting agent, 0.05 to 0.4 parts of a separating agent and of an amino resin hardener is employed.

3. Method according to Claim 1, wherein a melamine resin is employed as the amino resin.

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4. Method according to Claim 1, wherein polyglycol ether, ε-caprolactam or butane diol is employed as the flow-promoting agent.

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5. Method according to Claim 1, wherein silicon carbide having a mean particle size of 60 to 160 $\mu\text{-m}$ is employed as the abrasive substance.

Should be dependent
claim 2
no abstract. 3

- ~~6. Method according to Claim 1, wherein aluminium oxide in the form of corundum or out of the melt with a particle size of 60 to 160 $\mu\text{-m}$ is employed as the abrasive substance.~~

~~7. Method according to Claim 1, wherein a mixture of silicon carbide and aluminium oxide is employed as the abrasive substance in a suitable mixture.~~

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